UNIVERSITY OF GOTHENBURG

FACULTY OF SCIENCE

ES2530, Master Thesis in Ecotoxicology, 45,0 higher education credits

Examenskurs i Ekotoxikologi, 45.0 högskolepoäng

Second Cycle

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1. Confirmation

The course syllabus was confirmed by Faculty of Science on 2007-08-28 and was last revised by Faculty of Science on 2007-11-12 to be valid from 2007-11-12.

Field of education: Science 100 %
Department: Department of Biological and Environmental Sciences

2. Position in the educational system

The course is given on an advanced level and assigned to be included in a Master degree in Environmental Sciences.

Main field of studies	*Specialization*
Chemistry	A2E, Second cycle, contains degree project for Master of Arts/Master of Science (120 credits)
Environmental Science	A2E, Second cycle, contains degree project for Master of Arts/Master of Science (120 credits)
Biology	A2E, Second cycle, contains degree project for Master of Arts/Master of Science (120 credits)

3. Entry requirements

The entrance requirements are a Bachelor of Science and at least a pass degree on the courses Ecological Toxicology: Ecology (BIN431) and Ecological Toxicology: Physiology (BIN841) and Chemical Risk Assessment (ES2413), or similar courses.

4. Course content

The course is designed as an individual work within a specific topic within ecotoxicology. The course will provide opportunities to plan, conduct and report a project within the field of ecotoxicology. The course can fully or partly be conduced at industry, authorities or research institute other than Göteborg University. However, the work should be established and discussed with researcher or teacher at Göteborg University. The participant must have a supervisor within the faculty of Science at Göteborg University.

5. Learning outcomes

At the end of the course, the participants will

- have developed an profound knowledge in a specific topic within ecotoxicology.
- be able to put results of a specific project into a broader context.
- have developed a good skill in planning and running a project within ecotoxicology.
- be able to report a specific project on advanced level both orally and in written
- be able to independently discuss and put ecotoxicological issues into contexts.

6. Literature

Course literature is selected individually in discussion with examiner and supervisor(s).

7. Assessment

The achieved learning goals are evaluated and examined on the student's achievements during the course and on the final written thesis and the concurrent oral presentation.

8. Grading scale

The grading scale comprises Fail (U), Pass (G), Pass with Distinction (VG).

Three grades according to the Swedish grade system are given: Fail, Pass and Pass with honours.

The scientific results from the work are primarily not the basis for grading, unless the results could be connected to the performance of the work. Regardless of the results it is the planning, performance and reporting of the work that are to be evaluated. The work should normally be accomplished during the effective working time of one and a half semester/ 45 higher education credits (hec) that is approximately 30 weeks of full time work.

Specifically it is the following criteria that are basis for the obtained Grade:

- Understanding of the imposed task
- Implementation of the experiments/field work/the theoretical task
- Knowledge of the theoretical background
- Interpretation and analysis of results
- Independence
- Oral presentation
- Written presentation

The course has two examination codes, each 22.5 higher education credits. The first represents an assessment of the progress of the work after the first half of the period, while the second is based on the final written and oral presentations.

9. Course evaluation

10. Additional information

Language of instruction: English and Swedish.